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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/934,391	08/21/2001	Gregory Vazzana	G&C 30566.169-US-01	8091

22462 7590 07/29/2003

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EXAMINER

ARNOLD, ADAM

ART UNIT

PAPER NUMBER

2697

DATE MAILED: 07/29/2003

3

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/934,391

Applicant(s)

VAZZANA, GREGORY

Examiner

Adam Arnold

Art Unit

2697

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-36 are rejected under 35 U.S.C. 102(b) as being anticipated by Fuller.

Referring to claim 1, Fuller discloses a method for providing a visual clue for placing a first geometric entity in a 3D space represented in a computer-implemented graphics program (page 16-1 “3D Autocad”) comprising: displaying a 2D viewport of the 3D space on a display (page 8-1); selecting a first point in the 2D viewpoint (page 8-2, first paragraph); based on the first point, displaying a visual cue in the 2D viewport that indicates a coordinate system plane (Figure 8-3) where the coordinate plane identifies a plane where the first geometric entity is to be placed (Figure 8-3); using the visual cue, selecting a second point in the 2D viewport (page 8-2, first paragraph); and placing the first geometric entity on the coordinate system plane based on the second point (page 8-2, third paragraph).

Referring to claim 2, Fuller discloses where the visual clue comprises a second geometric entity (Figure 8-1).

Referring to claim 3, Fuller discloses where the second geometric entity comprises a circle in the 3D space oriented on the coordinate system (Figure 8-3).

Referring to claim 4, Fuller discloses where the second geometric entity comprises an ellipse displayed in the viewport and the center of the ellipse is on the first point (Figure 8-11).

Referring to claim 5, Fuller discloses where tick marks are displayed on the geometric entity (Figure 8-11).

Referring to claim 6, Fuller discloses where a distance between tick marks may be specified (page 8-16, see “Tick Spacing”).

Referring to claim 7, Fuller discloses a temporary representation of the first geometric entity originating at the first point and ending at a cursor location and the second point is selected at the cursor location (page 8-2, third paragraph).

Referring to claim 8, Fuller discloses where the orientation of the first geometric entity snaps to a particular angle from the first point (page 8-7, see “Rotate”).

Referring to claim 9, Fuller discloses where the visual clue displays the degree of an angle (page 8-7, see “Quadrant”).

Referring to claim 10, Fuller discloses where the visual clue indicates available angles for the orientation of the geometric entity (page 8-7, see “Quadrant”).

Referring to claim 11, Fuller discloses where an increment value for snap angles may be specified (page 8-7, see “Rotate”).

Referring to claim 12, Fuller discloses where the particular angle may be specified by the user (page 8-7, see “Rotate”).

Referring to claims 13-24 and 25-36, the remarks presented above with respect to claims 1-12 apply equally to these groups of claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Adam Arnold** whose telephone number is **703-305-8413**. The examiner can normally be reached Monday-Thursday and alternate Fridays between 7:00 AM and 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Mancuso, can be reached at (703) 305-3885.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.


**JOSEPH MANCUSO
PRIMARY EXAMINER**